

## SECTION C

### STATEMENT OF WORK (SOW)

#### C.1 STATEMENT OF WORK

##### C.1.1 Task Background And Current Status

The 741-A Salvage Yard operated until the late 1980s when salvage operations were moved to Central Shops. This area was used for storage of construction materials and used transformers. In addition, historical records indicate that several small spills of oil, hydraulic fluids and diesel fuel have occurred over the years of operation.

The 741-A Salvage Yard encompasses a total of 3 acres. The area of contamination is confined to the northern portion and is approximately 300' X 250'. The ground surface at the Salvage Yard is a combination of unpaved soil and unconsolidated gravel areas.

Characterization of the 741-A Salvage Yard was completed in March 2006. Arsenic, Polychlorinated Biphenyls (PCB) and Polycyclic Aromatic Hydrocarbons (PAH) were identified as constituents of concern. Arsenic concentrations ranged from 0.793 mg/kg to 47.8 mg/kg. PCB concentrations ranged from non-detect to 4.86 mg/kg. PAH concentrations ranged from non-detect to 6.18 mg/kg.

The specific release criteria and technical basis for the removal action are provided in the Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis for the Contaminated Surficial Soil in the 741-A Salvage Yard at the M-Area Operable Unit (WSRC-RP-2006-4053), unless further specified in this SOW. The anticipated date for completion of removal action is August 16, 2007.

##### C.1.2 Contract Purpose and Overview

The purpose of the contract is to safely remove DOE-SR contaminated surficial soils at the SRS 741-A Salvage Yard. The site specific release criteria and technical basis are provided in the Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis

for the Contaminated Surficial Soil in the 741-A Salvage Yard at the M-Area Operable Unit (U), WSRC-RP-2006-4053 (unless further specified in the SOW).

### **C.1.3 Project Scope**

For the purpose of the SOW, Physical Completion is achieved when the following scope and deliverables are complete:

- C.1.3.1 The Contractor shall install and maintain the erosion control measures for the 741-A Salvage Yard location prior to any excavation.
- C.1.3.2 Contractor shall excavate approximately 5,555 cubic yards (cy) 300'X250'X2' deep as designated on the attached drawing (Section J Attachment D.1). This material will be hauled to the A-Area Ash Pile and stockpiled. Contractor shall be responsible for working the stockpile at the A-Area Ash Pile which includes initial grading of trees and under brush to accept the 5,555 cy. Material shall be graded to prevent water from sheet flowing down the entrance. Approximately 300 feet of silt fence will be installed. Care shall be taken to avoid damage to the existing soil vapor extraction wells located at the A-Area Ash Pile. Contractor shall be responsible for replacing any damaged SVE wells and liable for any other damages caused.
- C.1.3.3 Contractor shall provide dust control measures while hauling material across gravel roads and at the A-Area Ash Pile. Contractor shall maintain and/or repair the road into A-Area Ash Pile Unit upon completion of moving material from the 741-A Salvage Yard as directed by DOE-SR.
- C.1.3.4 Contractor shall mine and haul back fill material supplied by DOE-SR from the N-Area barrow pit. DOE-SR will provide for testing of the fill material. Material shall be placed in 12" lifts and compacted with a minimum of five (5) passes of a 30,000 lb. vibratory compactor up to 4" below grade. Contractor will furnish documentation verifying compaction requirement to Field Representative.
- C.1.3.5 Contractor shall acquire and place a minimum of 4" compacted crush

and run to match original grade. Material shall conform to requirements of Section 815.2.01 of GADOT standard specification, known at SRS as Georgia #25 Crusher Run.

- C.1.3.6 The project does not permit stockpiling excavated material or barrow material at 741-A Salvage Yard during the execution of the project.
- C.1.3.7 Contractor must develop and submit to the DOE-SR Manager a Worker Safety and Health Program (WSHP) meeting the requirements of 10CFR851 and receive approval of this WSHP prior to commencement or work at SRS. Additionally, the contractor shall issue Task Specific Plans (TSP) to DOE-SR for all tasks required to execute the SOW.
- C.1.3.8 Contractor is required to fill out a Daily Activity Report (DAR) and issue to the Field Representative the following work day. See example Section J Attachment D.2.
- C.1.3.9 Contractor is required to furnish an Equipment Declaration Form for each piece of equipment that will be brought on site by the Contractor for execution of the contract. See example Section J Attachment D.3.
- C.1.3.10 A Focus Observation Program will be utilized for all equipment loading and off loading. See example Section J Attachment D.4.
- C.1.3.11 Field Conditions for the project site and general site requirements are identified in Section J Attachment D.5.
- C.1.3.12 A Project Safety and Health Description for the 741-A Salvage Yard at the M-Area Operable Unit Removal Action Section J Attachment D.6.
- C.1.3.13 Government Furnished Services/Items (to be provided after contract award):
  - A: Site Use Permit
  - B: Site Clearance Permit
  - C: Barrow material for backfill, located in N-Area
  - D: Water source for dust control

#### **C.1.4 Contractor Performance**

The Contractor shall coordinate jointly with DOE-SR and Washington Savannah River Company (WSRC), as the Management and Operating Contractor of SRS, for work activities outside the Contractor controlled areas, if necessary. DOE-SR and others as identified in Section H.1 will retain unrestricted access to the entire property. Access to 741-A Salvage Yard and A-Area Ash Pile will be isolated and controlled by the Contractor. Activities shall be documented in the Integrated Execution Plan (See C.1.5). Coordination of activities shall be conducted through the Designated Contracting Officer's Representative (DCOR).

The Contractor shall communicate with the Field Representative to make every effort to ensure that no adverse impacts to SRS operations occur. In addition, the Contractor shall provide DOE-SR access to Contractor-owned records.

#### **C.1.5 Integrated Execution Plan (IEP)**

A primary consideration in the removal activities of the 741-A Salvage Yard is the necessity/requirement for integration of all activities at 741-A Salvage Yard. The Contractor shall be responsible for providing an IEP for general oversight and project management functions including, but not limited to: work planning, training, scheduling, reporting, managing and executing the programs, projects, identification of risk and risk mitigating actions and other activities to enable the safe and compliant completion of this SOW.

The IEP shall include, but is not limited to, the following integration areas:

Integrated Safety and Quality – Integration of the roles and responsibilities of the overall safety and quality function for Contractor personnel executing the 741-A Salvage Yard scope. Such as:

- how the integration and coordination of field work such as heavy equipment operations and excavations are conducted to avoid unsafe conditions within the work area.
- how the integration of work plans and construction management plans shall be

implemented to reduce duplicative functions.

- How the Quality Assurance Program and any procedures, directives, manuals, etc., will be implemented in this SOW.

Efficiency/Flexibility - Include an integrated project schedule with an integrated project management approach that will minimize potential schedule delays during the field implementation.

#### **C.1.6 Agency Agreements**

There are no agency agreements needed for the 741-A Salvage Yard Project, however, the Contractor shall work through DOE-SR when it comes to interactions with regulatory agencies regarding environmental compliance issues.

### **C.2. PROJECT SUPPORT**

#### **C.2.1 Project Management System**

The Contractor shall develop a project management system that will generate performance analysis reports, a fully resource loaded integrated schedule, and track project milestones.

#### **C.2.2 Environment, Safety and Health (ES&H) Program**

The Contractor's ES&H program shall be operated as an integral part of how the Contractor conducts business and shall meet all applicable Federal and State regulatory and statutory requirements.

In addition, the Contractor shall comply with the following ES&H requirements that currently exist at the SRS site:

- Immediately notify DOE-SR of all ES&H incidents
- Report spills/leaks to DOE-SR within 30 minutes in accordance with the SRS Environmental Monitoring Program
- Obtain General Employee Training (GET) associated with performing work under this task order

- Adhere to SRS Remote Worker Notification process

### **C.2.3. SECURITY**

DOE-SR shall provide sitewide security and access control. The Contractor may have 24-hour access, but shall comply with DOE-SR access protocol.

The Contractor shall report damage or theft of Government property in accordance with 41 CFR 109-1.5112; and -1.5113.

### **C.2.4 DECLARATION OF PHYSICAL COMPLETION**

Upon physical completion (defined as completion of all Task Order requirements as set forth in the SOW), the Contractor shall prepare and deliver a letter to the DCO declaring that the work has been physically completed.